

GM 801

IDENTIFICATION

GM 801, ERNi1

CLASSIFICATION

AWS/SFA 5.14: ERNi - 1, BS 2901, pt5: Grade NA 32,
DIN 1736: SG -NiTi4

DESCRIPTION

Solid mig filler rod which deposits a low carbon pure-nickel deposit with about 3% titanium for refinement and for suppressing porosity. The deposited weld metal is of x-ray quality.

CHEMICAL ANALYSIS (RANGE) %

C	Fe	Mn	Si	S	Ti	Cu	Al	Ni	P
0.15 max	1.0 max	1.0 max	0.75 max	0.015 max	2.0 - 3.5	0.25 max	1.50 max	93.0 min	0.025 max

MECHANICAL PROPERTIES (RANGE)

UTS (MPa)	YS (MPa)	EL (%) (L=4D)
380 min	250 - 300	30 - 40

TYPICAL APPLICATIONS

For welding ASTM UNS N02200, N02201, BS type NA11, NA12 , Nickel 200, Nickel 201, Salt production, chlorination and evaporation of caustic soda, Handling corrosive alkalies and halides, chemical apparatus, etc

SHIELDING GAS : Pure Argon + Helium

PACKING PARAMETERS

Size (mm)	Weight / Spool (kg)
0.8	12.5
1.2	12.5
1.6	12.5